

## 5 FAH-2 H-720 HIGH FREQUENCY (HF)

*(CT:TEL-38; 09-04-2013)*  
*(Office of Origin: IRM/OPS/ITI/LWS/RPB)*

### 5 FAH-2 H-721 HIGH-FREQUENCY BROADCAST RANGE

*(CT:TEL-12; 03-08-2005)*

The high-frequency (HF) networks provide long-distance communication links to officials traveling in country, to Department missions in neighboring countries, and to military aircraft or ships in the vicinity.

### 5 FAH-2 H-722 NET OPERATING INSTRUCTIONS

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The regional information management centers (RIMCs) draft and distribute net operating instructions (NOIs) for operating and programming HF-radio equipment used in a defined network within the RIMC's geographic area of responsibility. NOIs contain, but are not limited to, the following information:

- (1) Primary and secondary frequencies for establishing contact with other Department missions;
- (2) Department Federal Communications Commission (FCC) call signs for Department network participants;
- (3) Network configuration information; and
- (4) Instructions for conducting official tests.

Specific information in the NOI will vary according to geographic location.

### 5 FAH-2 H-723 OPERATIONAL TESTING

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- a. To ensure the operational readiness of all HF equipment and the competence of IRM radio operators, IRM personnel must test HF-radio equipment weekly and officially record the results as directed in the *net operating instructions (NOI)*. Consult the *regional information management center (RIMC)* if equipment fails or if personnel require additional training. Information programs center (IPC) personnel should maintain documentation of the testing schedule and unique

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post circumstances affecting radio operations.

- b. *Those* Department *organizations that have* off-site HF equipment or HF-mobile radios **must test them** on a *monthly* basis.

## **5 FAH-2 H-724 NETWORK CONTROL STATION**

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The *regional information management center* (RIMC) designates one *information programs center* (IPC) to act as the network control station for other designated posts within contact range. The network control performs the following tasks:

- (1) Monitors network frequencies for radio communiqués from the RIMC, other posts, or military activities;
- (2) Acts as radio relay to establish contact between other posts in the network;
- (3) Coordinates weekly tests with posts within its network;
- (4) Reports results of weekly tests *on the HF Reporting SharePoint site*; and
- (5) Provides phone-patch support as required during emergency.

## **5 FAH-2 H-725 REPORTING REQUIREMENTS**

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- a. *The information programs center* (IPC) at the network control station records the receive signal quality at network control and each subscriber station and *posts the results to the HF Reporting SharePoint page*. Any reporting that references degraded station or network capabilities (broken radios, defective antennas, lack of staffing, etc.) must be sent via a separate telegram that is Sensitive But Unclassified (SBU). The telegram should explain if any post was not able to respond and what actions were taken to attempt radio contact.
- b. Address the telegram to the *Sec State Wash DC*, the RIMC, and network participants. The action addressees will most often be *Department for IRM/OPS/ITI/LWS/RPB* and the *regional information management center* (RIMC) but other addressees may be asked to take action to correct deficiencies discovered during the test. Include passing instructions for *Department for IRM/OPS/ITI/LWS/RPB*, IRM/OPS/ITI, POST FOR IPC, and the regional bureau. List ACOA first on the TAGS line followed by KRIM, AMTC, KRIM, and KWIR.

## **5 FAH-2 H-726 FEDERAL COMMUNICATIONS COMMISSION CALL SIGNS**

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*(CT:TEL-12; 03-08-2005)*

- a. Call signs assigned to Department of State stations by the Federal Communications Commission (FCC) may not be reassigned laterally in the field without prior approval by IRM/OPS/ITL/LWS/RPB.
- b. Using an FCC call sign in a spectrum assigned to the Amateur Radio Services or acknowledging a request for reception confirmations (QSLs) from amateur or short-wave radio operators is prohibited.

## **5 FAH-2 H-727 THROUGH H-729 UNASSIGNED**